

**Abstract**

The invention concerns human monoclonal antibodies to the islet cell antigen IA-2, a process for their production, the use of human monoclonal antibodies in a method for detecting antibodies to IA-2, a method for detecting antibodies to the islet cell antigen IA-2 and a method for detecting the islet cell antigen IA-2 in a sample.

097553040.071704